

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-23940-1

Client Project/Site: Duke MFS LLHg 2013 - J13050103

For:

Duke Energy Corporation

139 East Fourth Street

Cincinnati, Ohio 45202

Attn: Tara Thomas

Denise Pohl

Authorized for release by:

5/7/2013 1:53:21 PM

Denise Pohl, Project Manager II

denise.pohl@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Job ID: 240-23940-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Duke Energy Corporation

Project: Duke MFS LLHg 2013 - J13050103

Report Number: 240-23940-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 05/03/2013; the samples arrived in good condition. The temperature of the cooler at receipt was 20.8 C.

DISSOLVED LOW LEVEL MERCURY

Sample 608 WWT DISS (240-23940-8) was analyzed for dissolved low level mercury in accordance with EPA Method 1631E. The samples were prepared and analyzed on 05/06/2013.

No difficulties were encountered during the Low Level Mercury analysis.

All quality control parameters were within the acceptance limits.

LOW LEVEL MERCURY

Samples 601(8) WWT (240-23940-1), RI FB (240-23940-2), RI EB (240-23940-3), RI (240-23940-4), 608 WWT FB (240-23940-5), 608 WWT (240-23940-6) and 608 WWT DUP (240-23940-7) were analyzed for Low Level Mercury in accordance with EPA Method 1631E. The samples were prepared and analyzed on 05/06/2013.

Samples 601(8) WWT (240-23940-1)[100000X], 608 WWT (240-23940-6)[10X] and 608 WWT DUP (240-23940-7)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Case Narrative

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Job ID: 240-23940-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

No other difficulties were encountered during the Low Level Mercury analyses.

All other quality control parameters were within the acceptance limits.

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Method Summary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-23940-1	601(8) WWT	Water	05/01/13 17:20	05/03/13 08:45
240-23940-2	RI FB	Water	05/01/13 17:40	05/03/13 08:45
240-23940-3	RI EB	Water	05/01/13 17:45	05/03/13 08:45
240-23940-4	RI	Water	05/01/13 17:55	05/03/13 08:45
240-23940-5	608 WWT FB	Water	05/02/13 08:25	05/03/13 08:45
240-23940-6	608 WWT	Water	05/02/13 08:30	05/03/13 08:45
240-23940-7	608 WWT DUP	Water	05/02/13 08:35	05/03/13 08:45
240-23940-8	608 WWT DISS	Water	05/02/13 08:42	05/03/13 08:45

Detection Summary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 601(8) WWT

Lab Sample ID: 240-23940-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	280000		50000	ng/L	100000		1631E	Total/NA

Client Sample ID: RI FB

Lab Sample ID: 240-23940-2

No Detections.

Client Sample ID: RI EB

Lab Sample ID: 240-23940-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	1.1		0.50	ng/L	1		1631E	Total/NA

Client Sample ID: RI

Lab Sample ID: 240-23940-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	1.8		0.50	ng/L	1		1631E	Total/NA

Client Sample ID: 608 WWT FB

Lab Sample ID: 240-23940-5

No Detections.

Client Sample ID: 608 WWT

Lab Sample ID: 240-23940-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	91		5.0	ng/L	10		1631E	Total/NA

Client Sample ID: 608 WWT DUP

Lab Sample ID: 240-23940-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	92		5.0	ng/L	10		1631E	Total/NA

Client Sample ID: 608 WWT DISS

Lab Sample ID: 240-23940-8

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 601(8) WWT

Date Collected: 05/01/13 17:20

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-1

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	280000		50000	ng/L		05/06/13 09:10	05/06/13 17:37	100000

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: RI FB

Date Collected: 05/01/13 17:40

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-2

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.50	ng/L		05/06/13 09:10	05/06/13 17:41	1

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: RI EB

Date Collected: 05/01/13 17:45

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-3

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.50	ng/L		05/06/13 09:10	05/06/13 17:45	1

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: RI

Date Collected: 05/01/13 17:55

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-4

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.8		0.50	ng/L		05/06/13 09:10	05/06/13 17:50	1

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 608 WWT FB

Date Collected: 05/02/13 08:25

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-5

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.50	ng/L		05/06/13 09:10	05/06/13 18:03	1

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 608 WWT

Date Collected: 05/02/13 08:30

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-6

Matrix: Water

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	91		5.0	ng/L		05/06/13 09:10	05/06/13 18:07	10

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 608 WWT DUP

Lab Sample ID: 240-23940-7

Date Collected: 05/02/13 08:35

Matrix: Water

Date Received: 05/03/13 08:45

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	92		5.0	ng/L		05/06/13 09:10	05/06/13 18:11	10

Client Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 608 WWT DISS

Lab Sample ID: 240-23940-8

Date Collected: 05/02/13 08:42

Matrix: Water

Date Received: 05/03/13 08:45

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.50	ng/L		05/06/13 09:10	05/06/13 16:33	1

QC Sample Results

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 240-84774/1-A
Matrix: Water
Analysis Batch: 84875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84774

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.50	ng/L		05/06/13 09:10	05/06/13 16:20	1

Lab Sample ID: LCS 240-84774/2-A
Matrix: Water
Analysis Batch: 84875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	4.78		ng/L		96	77 - 123

Lab Sample ID: PB 240-84771/1-B PB
Matrix: Water
Analysis Batch: 84875

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 84774

Analyte	PB Result	PB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.50	ng/L		05/06/13 09:10	05/06/13 16:29	1

QC Association Summary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Metals

Prep Batch: 84774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23940-1	601(8) WWT	Total/NA	Water	1631E	
240-23940-2	RI FB	Total/NA	Water	1631E	
240-23940-3	RI EB	Total/NA	Water	1631E	
240-23940-4	RI	Total/NA	Water	1631E	
240-23940-5	608 WWT FB	Total/NA	Water	1631E	
240-23940-6	608 WWT	Total/NA	Water	1631E	
240-23940-7	608 WWT DUP	Total/NA	Water	1631E	
240-23940-8	608 WWT DISS	Dissolved	Water	1631E	
LCS 240-84774/2-A	Lab Control Sample	Total/NA	Water	1631E	
MB 240-84774/1-A	Method Blank	Total/NA	Water	1631E	
PB 240-84771/1-B PB	Method Blank	Dissolved	Water	1631E	

Analysis Batch: 84875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23940-1	601(8) WWT	Total/NA	Water	1631E	84774
240-23940-2	RI FB	Total/NA	Water	1631E	84774
240-23940-3	RI EB	Total/NA	Water	1631E	84774
240-23940-4	RI	Total/NA	Water	1631E	84774
240-23940-5	608 WWT FB	Total/NA	Water	1631E	84774
240-23940-6	608 WWT	Total/NA	Water	1631E	84774
240-23940-7	608 WWT DUP	Total/NA	Water	1631E	84774
240-23940-8	608 WWT DISS	Dissolved	Water	1631E	84774
LCS 240-84774/2-A	Lab Control Sample	Total/NA	Water	1631E	84774
MB 240-84774/1-A	Method Blank	Total/NA	Water	1631E	84774
PB 240-84771/1-B PB	Method Blank	Dissolved	Water	1631E	84774

Lab Chronicle

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 601(8) WWT

Date Collected: 05/01/13 17:20

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		100000	84875	05/06/13 17:37	DH	TAL CAN

Client Sample ID: RI FB

Date Collected: 05/01/13 17:40

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		1	84875	05/06/13 17:41	DH	TAL CAN

Client Sample ID: RI EB

Date Collected: 05/01/13 17:45

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		1	84875	05/06/13 17:45	DH	TAL CAN

Client Sample ID: RI

Date Collected: 05/01/13 17:55

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		1	84875	05/06/13 17:50	DH	TAL CAN

Client Sample ID: 608 WWT FB

Date Collected: 05/02/13 08:25

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		1	84875	05/06/13 18:03	DH	TAL CAN

Client Sample ID: 608 WWT

Date Collected: 05/02/13 08:30

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		10	84875	05/06/13 18:07	DH	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Client Sample ID: 608 WWT DUP

Date Collected: 05/02/13 08:35

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Total/NA	Analysis	1631E		10	84875	05/06/13 18:11	DH	TAL CAN

Client Sample ID: 608 WWT DISS

Date Collected: 05/02/13 08:42

Date Received: 05/03/13 08:45

Lab Sample ID: 240-23940-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			84774	05/06/13 09:10	DH	TAL CAN
Dissolved	Analysis	1631E		1	84875	05/06/13 16:33	DH	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Duke Energy Corporation
Project/Site: Duke MFS LLHg 2013 - J13050103

TestAmerica Job ID: 240-23940-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13

Chain of Custody Record

TestAmerica Laboratory location: W. Canton

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

THE LEADER IN ENVIRONMENTAL TESTING

Company Name: Becker Energy		Client Contact		Company Name: Mike Wagner		Client Project Manager: Mike Wagner		Site Contact: Mr. Byrd		Lab Contact:		COC No: 045043		TestAmerica Laboratories, Inc.	
Address: Miami, FL - Station				Telephone: 503 651-3440		Telephone:		Telephone:				of COCs			
City/State/Zip: N Benton				Email: mikewagner@us.com		Email:		Analysis Turnaround Time (in BUS days)		Analyses		For lab use only			
Phone: 14951061				Method of Shipment/Carrier:		TAT if different from below		<input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Walk-in client Lab pickup Lab sampling			
Project Name: Duke MFS LHS 2013				Shipping/Tracking No:		Matrix		Containers & Preservatives		Filtered Sample (Y/N)		Composite C/Grab-G		Job/SDG No:	
Project Number: 14951061						Air		Aqueous		Sediment		Solid		Other:	
PO#				Sample Date		Sample Time		Other:		H2SO4		HNO3		HCl	
Sample Identification				Sample Date		Sample Time		Other:		NaOH		ZnAc		Unpres	
601(8) WWT				5/1/13		1720		X						4	
RT FB				1740		1745		X						2	
RT FB				1745		1755		X						2	
RT				1755		0825		X						4	
608 WWT FB				5/1/13		0825		X						4	
608 WWT				1		0830		X						4	
608 WWT Dup				1		0835		X						4	
608 WWT Diss				1		0840		X						4	
				5/2/13		5/2/13									
Possible Hazard Identification				Skin Irritant		Poison B		Unknown		Return to Client		Disposal By Lab		Months	
<input type="checkbox"/> Non-Hazard				<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client		<input type="checkbox"/> Disposal By Lab	
Special Instructions/QC Requirements & Comments:															
Relinquished by:		Company: URS		Date/Time: 5/2/13 1615		Received by:		Company: 11st America		Date/Time: 5/2/13 1015		Company: 11st America		Date/Time: 5/2/13 845	
Relinquished by:		Company: 11st America		Date/Time: 5/2/13 1020		Received by:		Company: 11st America		Date/Time: 5/2/13 1020		Company: 11st America		Date/Time: 5/2/13 845	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:		Company:		Date/Time:	

TestAmerica Canton Sample Receipt Form/Narrative				Login # : <u>23940</u>	
Canton Facility					
Client <u>Duke Energy</u>		Site Name _____		Cooler unpacked by: <u>[Signature]</u>	
Cooler Received on <u>5-3-13</u>		Opened on <u>5-3-13</u>			
FedEx: 1 st Grd <u>Exp</u> UPS FAS Stetson		Client Drop Off		TestAmerica Courier Other _____	
TestAmerica Cooler # <u>164</u>		Foam Box		Client Cooler Box Other _____	
Packing material used: <u>Bubble Wrap</u>		Foam Plastic Bag		None Other _____	
COOLANT: Wet Ice Blue Ice Dry Ice Water		<u>None</u>			
1. Cooler temperature upon receipt IR GUN# 1 (CF -0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C IR GUN# 4G (CF +1 °C) Observed Cooler Temp. <u>19.8</u> °C Corrected Cooler Temp. <u>20.8</u> °C IR GUN# 5G (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C IR GUN# 8 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C					
<input type="checkbox"/> See Multiple Cooler Form					
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> <u>Yes</u> No -Were custody seals on the outside of the cooler(s) signed & dated? <u>Yes</u> No NA -Were custody seals on the bottle(s)? <u>Yes</u> No					
3. Shippers' packing slip attached to the cooler(s)? <u>Yes</u> No					
4. Did custody papers accompany the sample(s)? <u>Yes</u> No					
5. Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> No					
6. Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> No					
7. Could all bottle labels be reconciled with the COC? <u>Yes</u> No					
8. Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> No					
9. Sufficient quantity received to perform indicated analyses? <u>Yes</u> No					
10. Were sample(s) at the correct pH upon receipt? Yes No <u>NA</u> pH Strip Lot# <u>HC379740</u>					
11. Were VOAs on the COC? <u>Yes</u> No					
12. Were air bubbles >6 mm in any VOA vials? Yes No <u>NA</u>					
13. Was a trip blank present in the cooler(s)? Yes <u>No</u>					
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES <u>High temp, ok, low level samples, no coolant</u> 	Samples processed by: <u>[Signature]</u>
15. SAMPLE CONDITION Sample(s) _____ were received after the recommended holding time had expired. Sample(s) _____ were received in a broken container. Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)	
16. SAMPLE PRESERVATION Sample(s) _____ were further preserved in the laboratory. Time preserved: _____ Preservative(s) added/Lot number(s): _____	